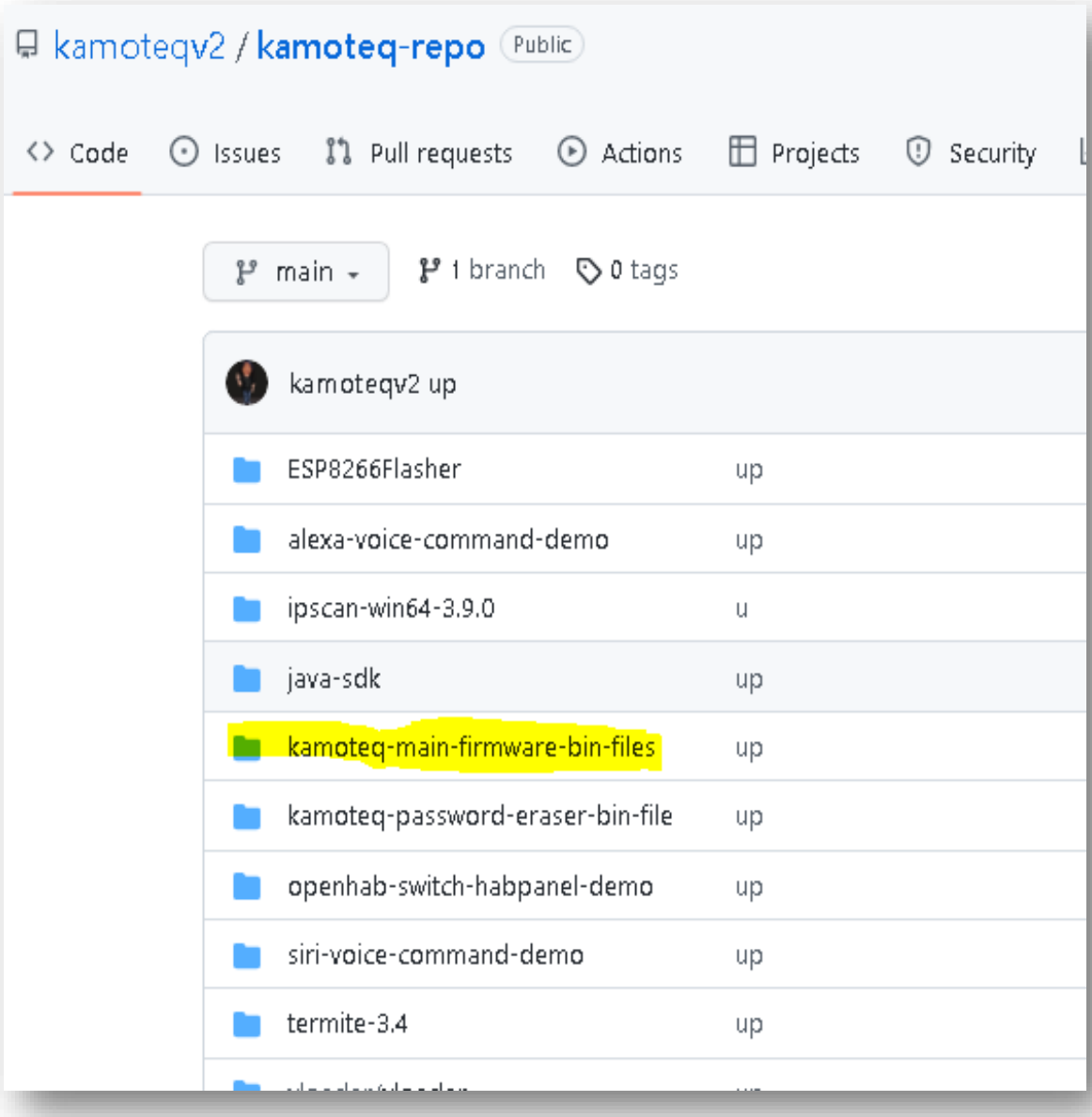
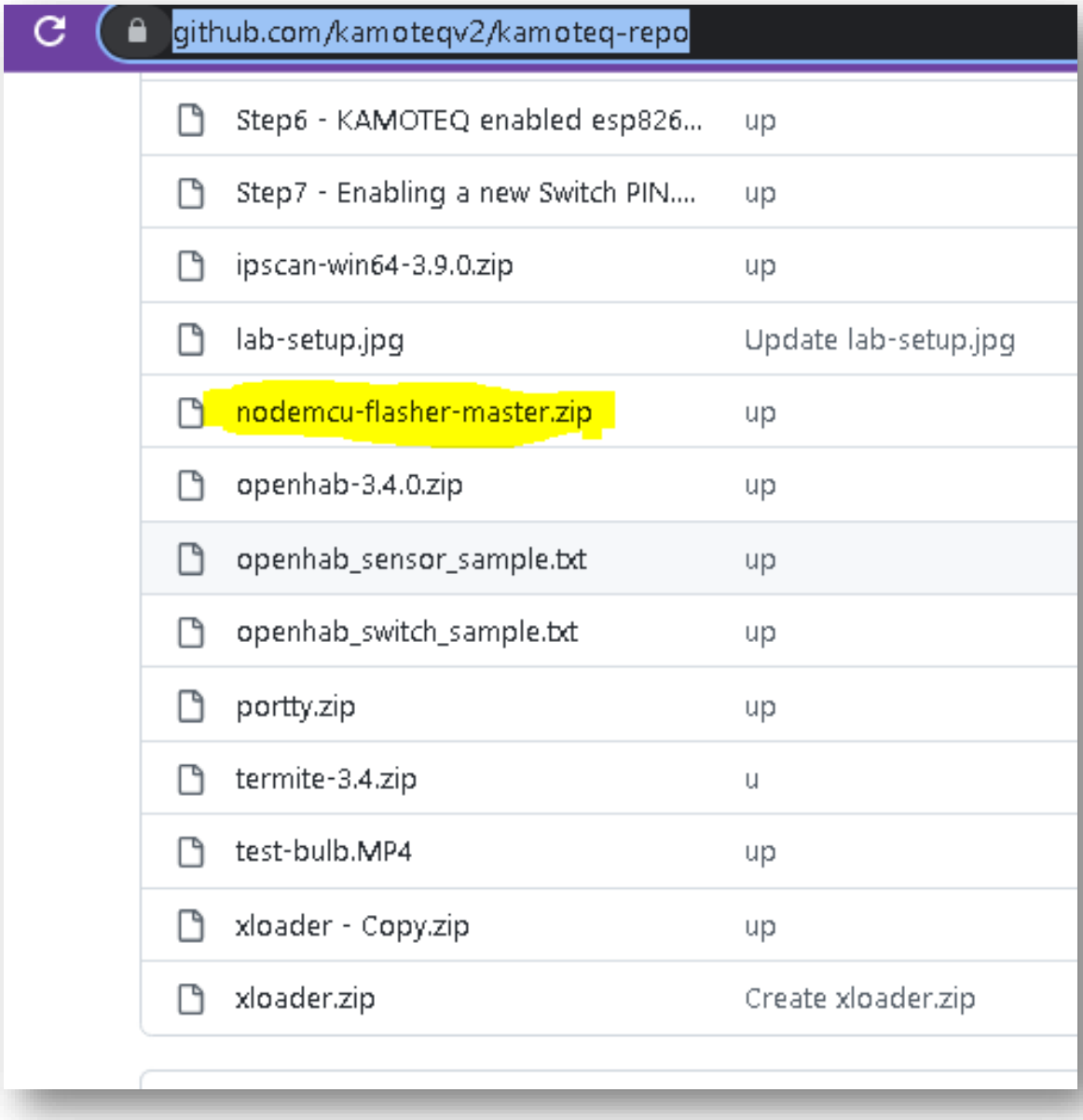
Step 1

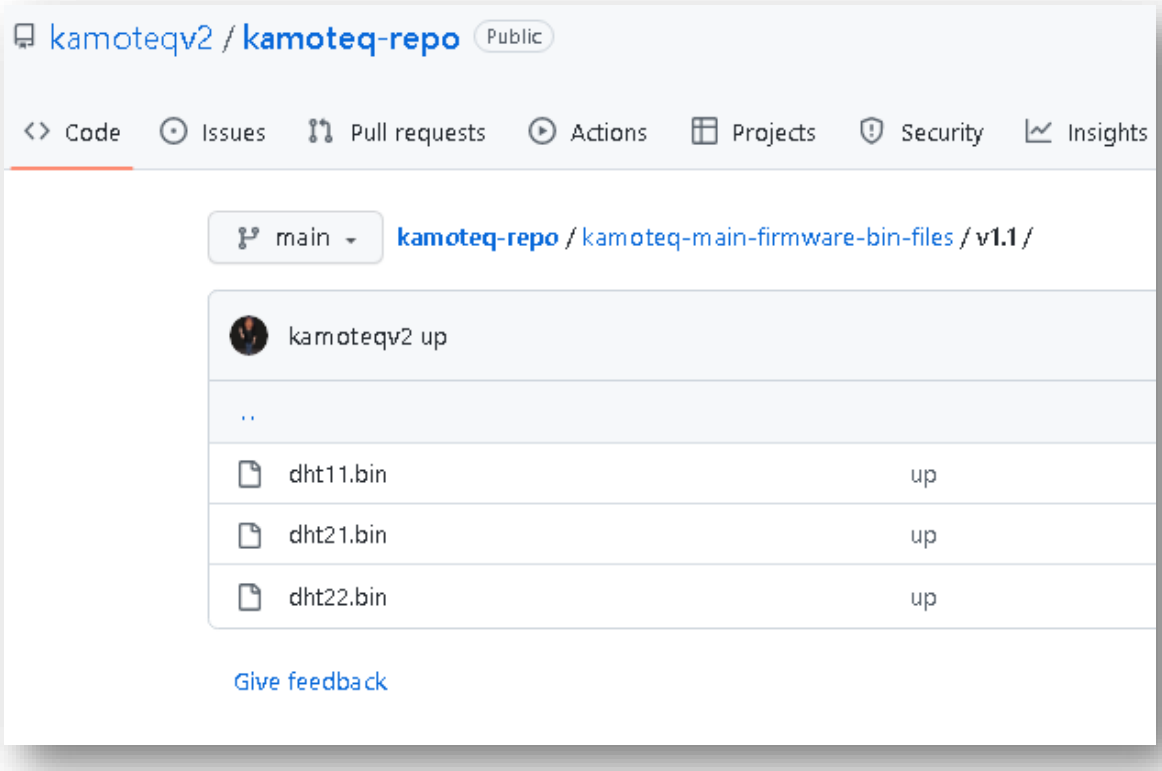
KAMOTEQ Firmware Upload

1. Download the Firmware-Bin file and nodeMCU-flasher and save them on your computer disk.

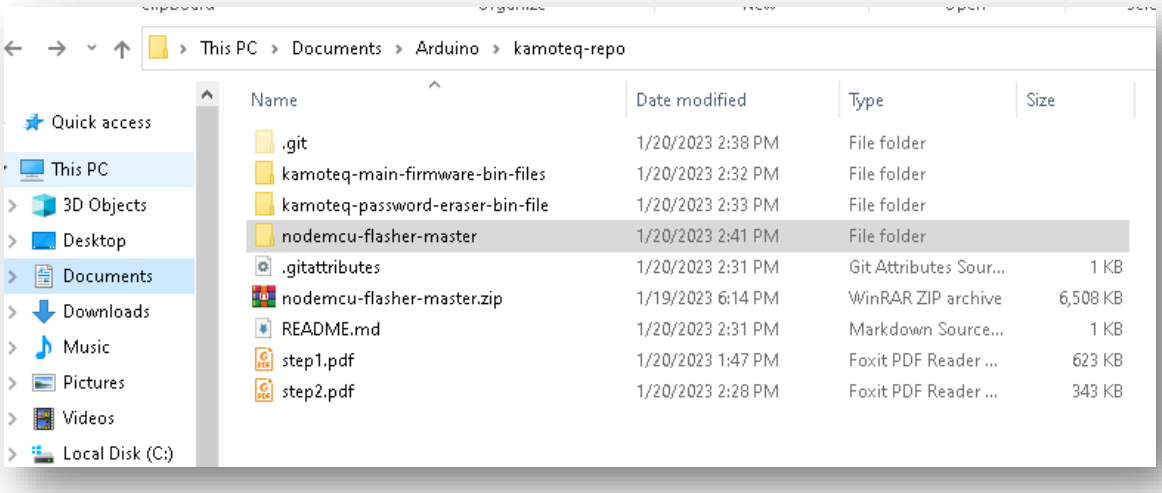

kamoteqv2 / kamoteq-repo
Public
Code
Issues
Pull requests
Actions
Projects
Security
main
1 branch
0 tags
kamoteqv2 up
ESP8266Flasher up
alexa-voice-command-demo up
ipscan-win64-3.9.0 u
java-sdk up
kamoteq-main-firmware-bin-files up
kamoteq-password-eraser-bin-file up
openhab-switch-habpanel-demo up
siri-voice-command-demo up
termite-3.4 up



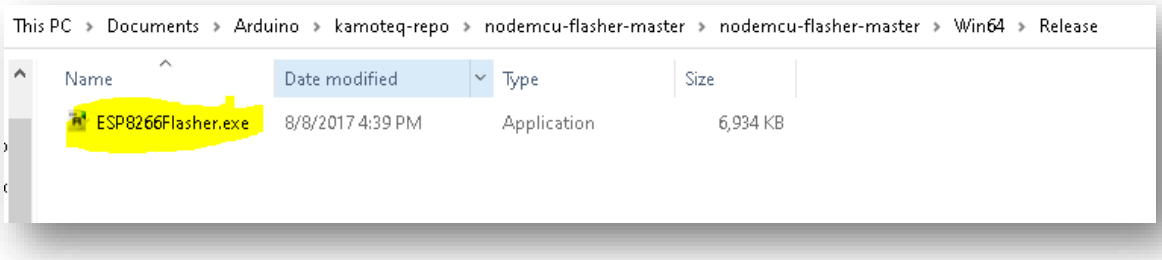
For the BIN file, just download the version that matches your DHT sensor model in your Lab setup



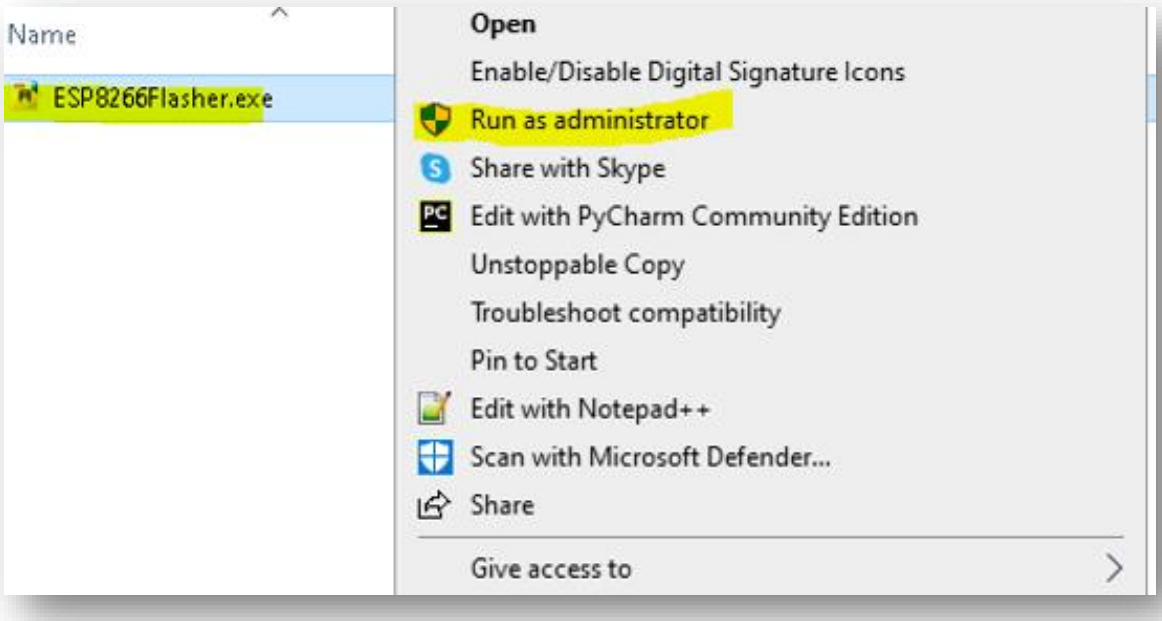
2. Extract the zipped nodeMCU flasher



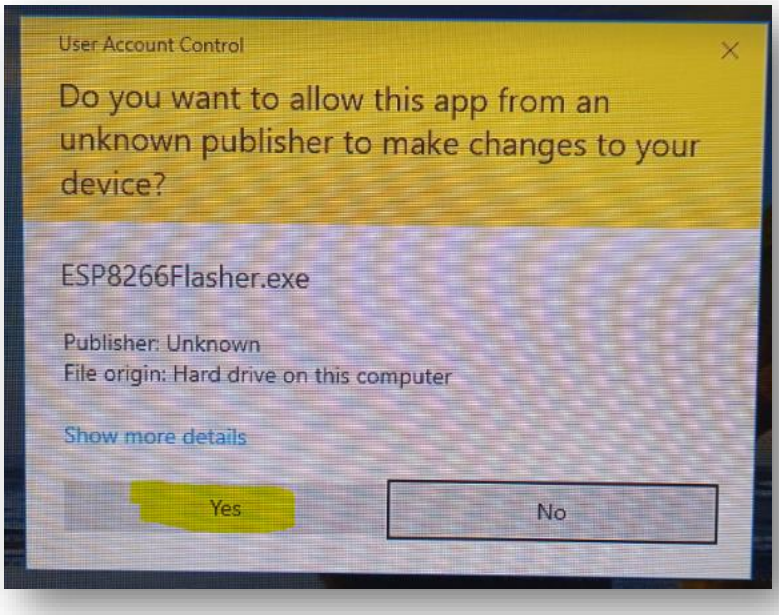
3. open extracted folder and look for the release inside the Win64 folder



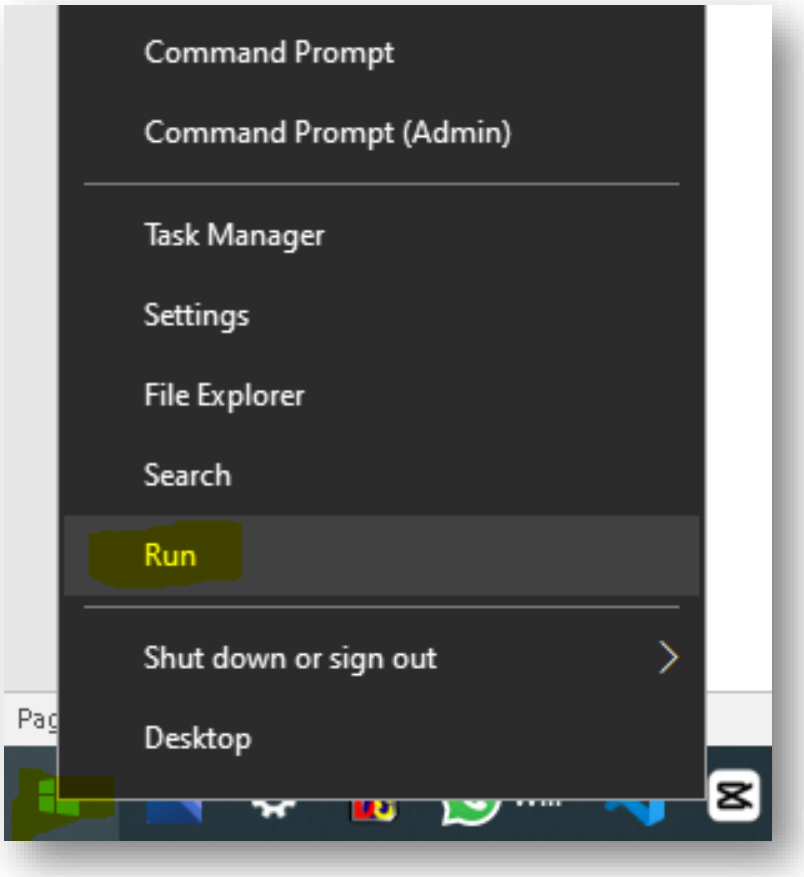
4. Click, right-click, and “Run as Administrator” the executable file



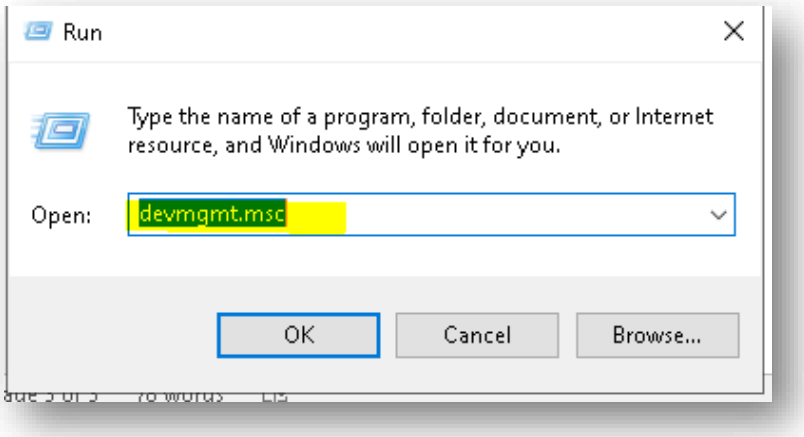
5. When asked to allow? You can click “Yes”



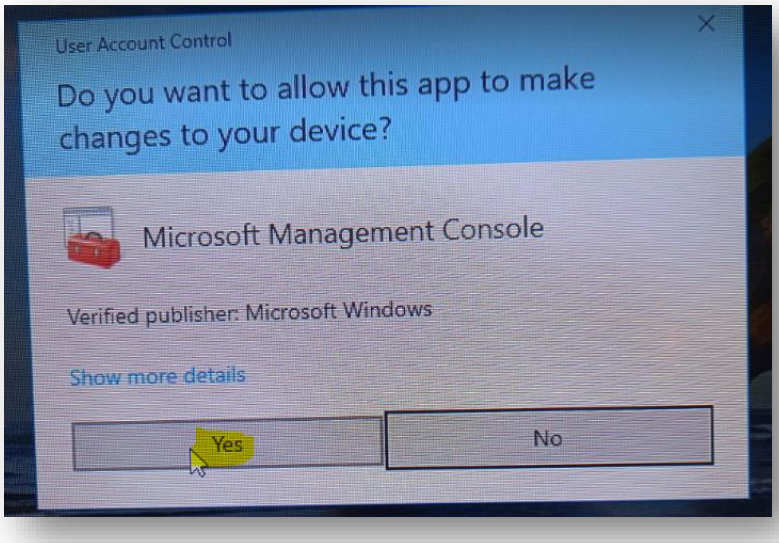
6. Connect the esp8266 nodeMCU to your computer with the micro-USB cable
7. Right-click Window and click “Run”



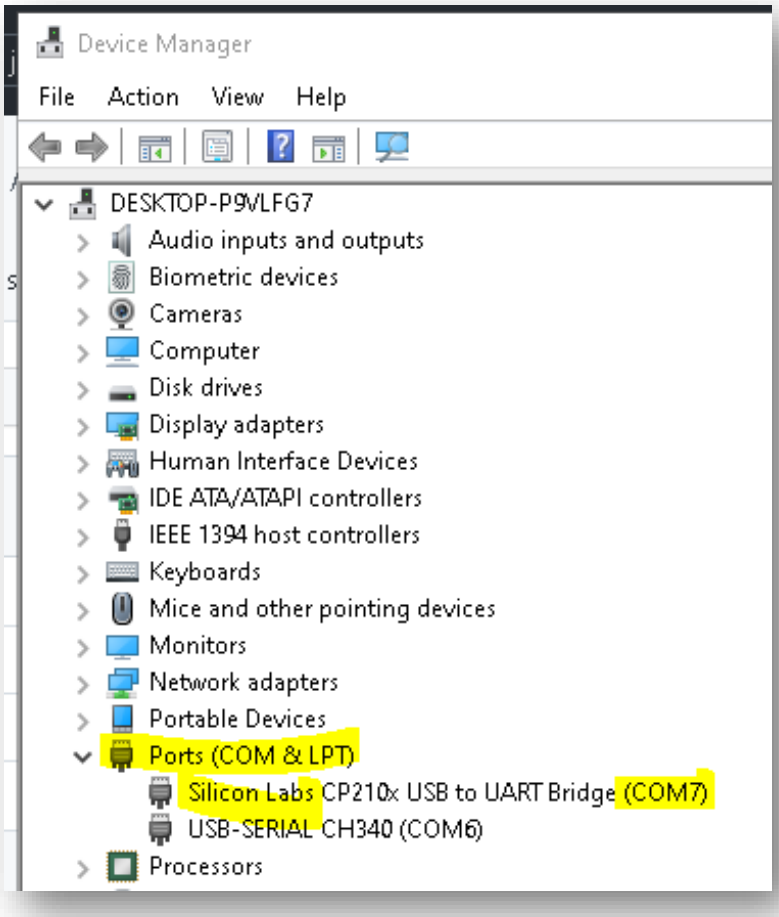
8. Enter “devmgmt.msc” to open the device manager



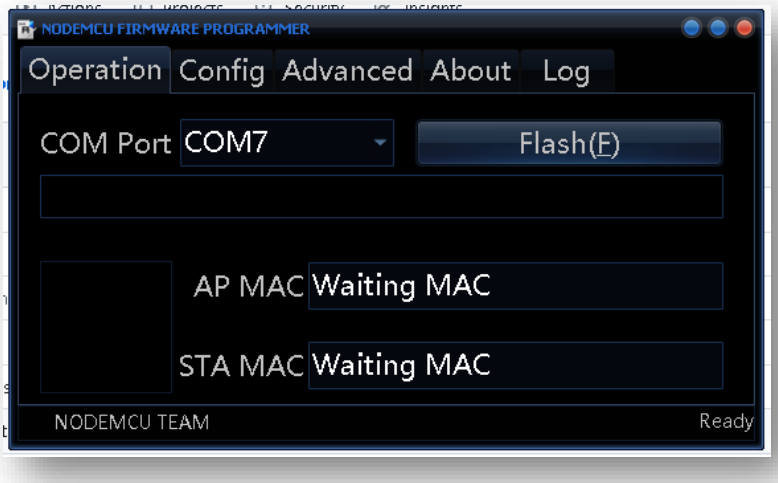
9. When asked/if it asked to allow the app just click “Yes”



10. Expand the Ports (COM & LPT), look for the Silicon Labs driver, and take note of the Com Port No.
    Example below

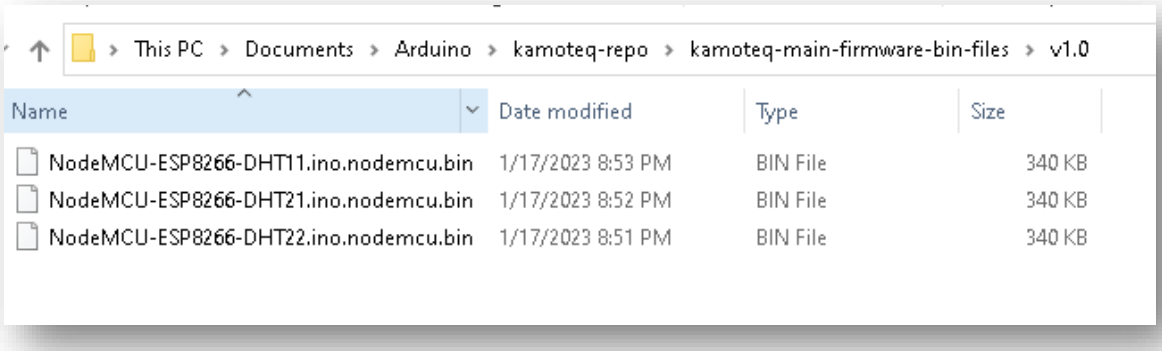


11. In the above example we got COM7 but chances are this will be different from yours so make sure you follow the above steps,
12. now let's go back to the NodeMCU flasher and on the first tab "Operation" select the correct COM Port number
    Example below

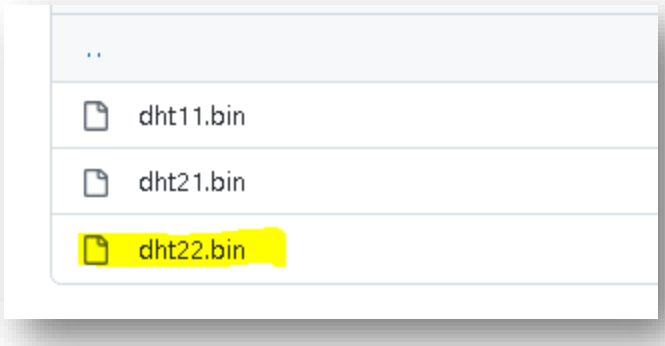


And on the "Config" tab click the small gear icon and find and select the downloaded bin file

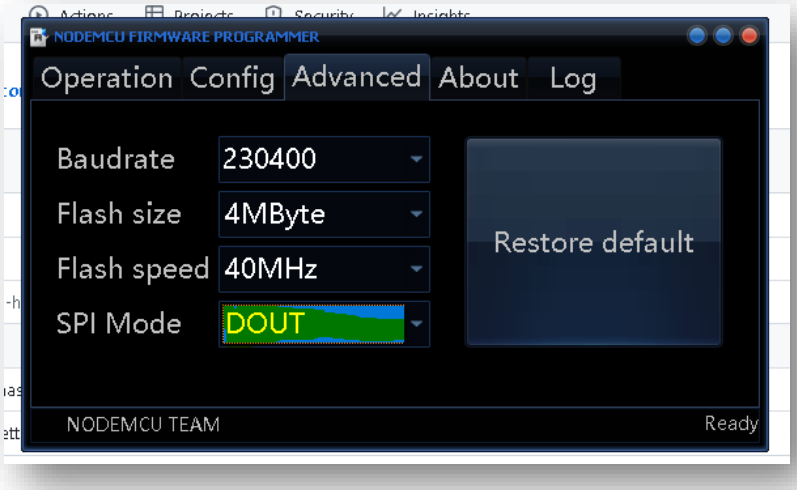
Note: there are three bin files corresponding to the three DHT available models
just select which one matches your currently connected DHT sensor
For example, if in your setup using a DHT22-type sensor then
you must select the "NodeMCU-ESP8266-DHT22.ino.nodemcu.bin"



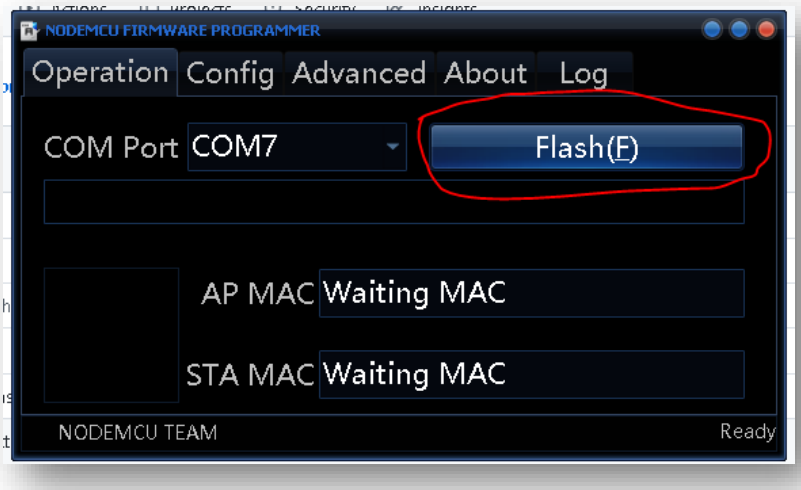
Or ….



And last, on the “Advance” tab leave everything default except!
The SPI Mode – change it to “DOUT”



Go back to the “Operation” tab and you can start the flashing,
Click the “Flash(E)” button



If completed without error, then Congratulations! If in the

case you receive any error during the process, just repeat the steps again.

This completes STEP 1 (KAMOTEQ Firmware Upload)

Proceed to STEP 2 (WIFI Network Registration)

Disclaimer: Avoid interrupting the device during flashing this is a critical stage of the process It can make your device useless

Abruptly interrupted

End